HEWLETT-PACKARD COMPANY Intellectual Property Administration O Box 272400 or Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200311332-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Randy Hoffman et al

Confirmation No.: 7102

Application No.: 10/763353

Examiner:

Filing Date:

Jan 23, 2004

Group Art Unit:

Title:

Semiconductor Device

Mail Stop Amendment **Commissioner for Patents** PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last) () under 37 CFR 1.97 (c) together with either a: () Statement under 37 CFR 1.97(e), or () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first) () under 37 CFR 1.97 (d) together with a: () Statement under 37 CFR 1.97(e)(1) or (2), and a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00 _ . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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Donald J. Codiman

Respectfully submitted,

Randy Hoffman et al

Attorney/Agent for Applicant(s)

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Substitute for form 1449/PTO	Complete if Known			
	Application Number	10/763353		
INFORMATION DISCLOSURE	Filing Date	Jan 23, 2004		
	First Named Inventor	Hoffman et al		
STATEMENT BY APPLICANT	Art Unit			
(Use as many sheets as necessary)	Examiner Name			
Sheet 1 of 2	Attorney Docket Number	200311332-2		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5,744,864	04-28-1998	Cillessen	
		^{US-} 2002/0101557	08-01-2002	Ono	
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		FORE	IGN PATENT DOCU	MENTS		
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Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	Application Number	10/763353	
INFORMATION DISCLOSURE	Filing Date	Jan. 23, 2004	
STATEMENT BY APPLICANT	First Named Inventor	Hoffman	
***	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 2 of 2	Attorney Docket Number	200311332-2	

	1 0 1 .	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	YOUNG, "Growth and characterization of radio frequency magnetron sputter-deposited zinc stannate, Zn2SnO4, thin films"; Jrnl of Appld Physics, Vol 92, No 1; 7/1/02; pg 310-319	
	2	HOFFMAN, "ZnO-based transparent thin-film transistors"; Applied Physics Letters, Vol 82, No 5; 2/3/03; pg 733-735	
	3	MINAMI, "Highly transparent and conductive zinc-stannate thin films prepared by RF Magnetron Sputtering"; Applied Physics, Vol 33, No 12A; 12/1/94; pg1693-1696.	

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